# kshahnanshah

Printed by HPS Server for

# WEST

Printer: cm1\_8e12\_gbelptr

Date: 01/13/02

Time: 17:22:19

### **Document Listing**

Document	Selected Pages	Page Range
US006004815	14	1 - 14
Total (1)	14	-

## kshahnanshah

Printed by HPS Server for

# WEST

Printer: cm1\_8e12\_gbelptr

Date: 01/13/02

Time: 17:23:55

### **Document Listing**

Document	Selected Pages	Page Range
US006287556	14	1 - 14
Total (1)	14	**

# **KSS**

# Printed by HPS Server for

# Walk-Up\_Printing

Printer: cm1\_8e12\_gblaptr

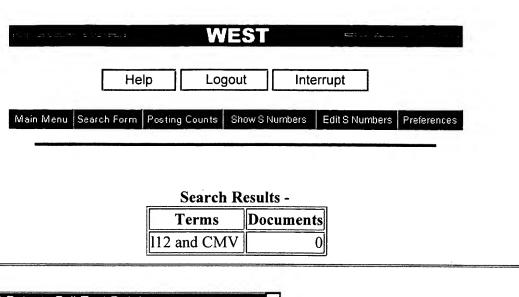
Date: 01/13/02

Time: 15:04:35

### **Document Listing**

Document	Selected Pages	Page Range
US005672345	39	1 - 39
Total (1)	39	-

DB Name	Query	Hit Count	Set Name
USPT	116 and promoter	1	<u>L23</u>
USPT	116 and antigen	2	<u>L22</u>
USPT	116 and bacterial antigen	38957	<u>L21</u>
USPT	116 and asd	1	<u>L20</u>
USPT	116 and cytokine	1	<u>L19</u>
USPT	116 and pur	1	<u>L18</u>
USPT	116 and CMV	0	<u>L17</u>
USPT	6024961	2	<u>L16</u>
USPT	6024961 and CMV	0	<u>L15</u>
USPT	112 and CMV	0	<u>L14</u>
USPT	112 same CMV	0	<u>L13</u>
USPT	4968619	7	<u>L12</u>
USPT	110 and CMV	1	<u>L11</u>
USPT	5672345	7	<u>L10</u>
USPT	13 and CMV	2	<u>L9</u>
USPT	5294441	13	<u>L8</u>
USPT	5855879 and CMV	2	<u>L7</u>
USPT	5387744.pn.	1	<u>L6</u>
USPT	5294441.pn.	1	<u>L5</u>
USPT	11 and CMV	2	<u>L4</u>
USPT	11 and promoter	3	<u>L3</u>
USPT	11 and cytokine	1	<u>L2</u>
USPT	5855879	3	<u>L1</u>



US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Database:

	112 and CMV	_	
Refine Search:		₹	Clear

### Search History

Today's Date: 1/13/2002

DB Name	Query	Hit Count	Set Name
USPT	112 and CMV	0	<u>L14</u>
USPT	112 same CMV	0	<u>L13</u>
USPT	4968619	7	<u>L12</u>
USPT	110 and CMV	1	<u>L11</u>
USPT	5672345	7	<u>L10</u>
USPT	13 and CMV	2	<u>L9</u>
USPT	5294441	13	<u>L8</u>
USPT	5855879 and CMV	2	<u>L7</u>
USPT	5387744.pn.	1	<u>L6</u>
USPT	5294441.pn.	1	<u>L5</u>
USPT	11 and CMV	2	<u>L4</u>
USPT	11 and promoter	3	<u>L3</u>
USPT	11 and cytokine	1	<u>L2</u>
USPT	5855879	3	<u>L1</u>



### End of Result Set

Generate Collection

L4: Entry 2 of 2

File: USPT Dec 21, 1999

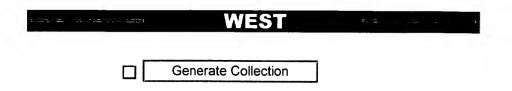
DOCUMENT-IDENTIFIER: US 6004815 A

TITLE: Bacteria expressing nonsecreted cytolysin as intracellular microbial

delivery vehicles to eukaryotic cells

A wide variety of nucleic acid-based agents may be delivered, including expression vectors, probes, primers, antisense nucleic acids, knockout/in vectors, ribozymes, etc. For example, the subject bacteria are used to deliver nucleic acids which provide templates for transcription or translation or provide modulators of transcription and/or translation by hybridizing to selected endogenous templates, see, e.g. U.S. Pat. No. 5,399,346 for a non-limiting list of genes that can be administered using gene therapy and diseases that can be treated by gene therapy. For example, polynucleotide agents may provide a coding region operably linked to a transcriptional regulatory region functional in a target mammalian cell, e.g. a human cytomegalovirus (CMV) promoter. In particular, the polynucleotide may encode a transcription factor, whereby expression of the transcription factor in the target cell provides activation or de-activation of targeted gene expression in the target cell. In another example, RNA virus infected cells are targeted by microbes delivering viral RNA-specific ribozymes, e.g. HIV-infected T-cells, leukemia virus infected leukocytes, hepatitis C infected liver cells. In yet another embodiment, labeled probes are delivered which effect in situ hybridization-based diagnostics.

URPN: 5855879



L4: Entry 1 of 2 File: USPT Sep 11, 2001

DOCUMENT-IDENTIFIER: US 6287556 B1 TITLE: Intracellular delivery vehicles

#### DEPR:

A wide variety of nucleic acid-based agents may be delivered, including expression vectors, probes, primers, antisense nucleic acids, knockoutin vectors, ribozymes, etc. For example, the subject bacteria are used to deliver nucleic acids which provide templates for transcription or translation or provide modulators of transcription and/or translation by hybridizing to selected endogenous templates, see, e.g. U.S. Pat. No. 5,399,346 for a non-limiting list of genes that can be administered using gene therapy and diseases that can be treated by gene therapy. For example, polynucleotide agents may provide a coding region operably linked to a transcriptional regulatory region finctional in a target mammalian cell, e.g. a human cytomegalovirus (CMV) promoter. In particular, the polynucleotide may encode a transcription factor, whereby expression of the transcription factor in the target cell provides activation or de-activation of targeted gene expression in the target cell. In another example, RNA virus infected cells are targeted by microbes delivering viral RNA-specific ribozymes, e.g. HIV-infected T-cells, leukemia virus infected leukocytes, hepatitis C infected liver cells. In yet another embodiment, labeled probes are delivered which effect in situ hybridization-based diagnostics.

URPN: 5855879

### WEST

### **End of Result Set**

Generate Collection

L11: Entry 1 of 1

File: USPT

Oct 20, 1998

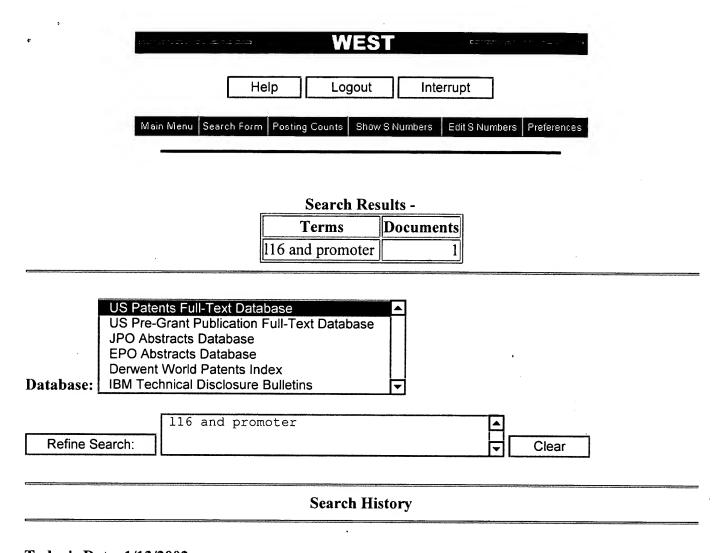
DOCUMENT-IDENTIFIER: US 5824538 A

TITLE: Shigella vector for delivering DNA to a mammalian cell

#### DEPR:

Strain 15D was able to maintain the commercially available eukaryotic expression vector pCMV.beta. without antibiotic selection. pCMV.beta. expresses E. coli .beta.-galactosidase under the control of the immediate early promoter and enhancer from the human cytomegalovirus (CMV) in mammalian cells, which permitted us to easily analyze mammalian-mediated gene expression after delivery (MacGregor and Caskey, Nucl. Acids Res. (1989) 17:2365).

URPN: 5672345



Today's Date: 1/13/2002